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APPLICANTS: MEKATA & FUJIO  
SERIAL #: 10/ 018,515 ATT. DOCKET: 542-003-3  
FILED: 13 DEC. 2001  
TITLE: INTERMITTENT INJECTION AEROSOL PRODUCT FOR SKIN  
EXAMINER: ALTON PRYOR ART UNIT: 1616

## AMENDMENT IN RESPONSE TO PAPER # 01 25 04

Commissioner for Patents  
PO BOX 1450  
ALEXANDRIA VA 22313-1450

Sir:

Responsive to the Official Action of 28 JAN. 2004,  
the term for response to which expires 28 APR. 2004,  
please amend as follows:

IN THE CLAIMS:

Amend claims 1-3 as follows and add a new claim 22:

## CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this paper is being facsimile transmitted  
to Patent Office Art Unit 1616 at 703-872-9306 on the date shown  
below.

16 PAGES Milton Oliver  
Milton Oliver, Reg. No. 28,333

28 APR. 2004  
DATE

1. (Currently Amended) An intermittent aerosol dispensing device, for application of a product to skin of a human being, comprising an intermittent injection mechanism ~~(5,6,7,8)~~ located downstream of an aerosol valve ~~(11)~~ of an aerosol dispenser, said intermittent mechanism being responsive to a pushbutton ~~(P)~~ of the aerosol dispensing device, wherein

a ratio of an injection time to a stop time is set, in said intermittent mechanism, to 0.1 to 5.0, when said aerosol valve is opened, in order to obtain a sufficient yet not excessive cooling and/or massage effect on the skin.

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2. (Currently Amended) An intermittent aerosol dispensing device, for application of a product to skin of a human being, comprising an intermittent injection mechanism ~~(5, 6, 7, 8)~~ located downstream of an aerosol valve ~~(11)~~ of an aerosol dispenser, said intermittent mechanism being responsive to a pushbutton ~~(P)~~ of the aerosol dispensing device, wherein the product contains 20 to 70% by weight of a liquified gas in an aerosol composition, and

a ratio of an injection time to a stop time is set, in said intermittent mechanism, to 0.1 to 5.0, when said aerosol valve is opened, in order to obtain a sufficient yet not excessive cooling and/or massage effect on the skin.

3. (Currently Amended) An intermittent aerosol dispensing device, for application of a product to skin of a human being, comprising an intermittent injection mechanism ~~(5, 6, 7, 8)~~ located downstream of an aerosol valve ~~(11)~~ of an aerosol dispenser, said intermittent mechanism being responsive to a pushbutton ~~(P)~~ of the aerosol dispensing device, wherein the product contains 0.1% to 5% by weight of a compressed gas in an aerosol composition, and

a ratio of an injection time to a stop time is set, in said intermittent mechanism, to 0.1 to 2.0, when said aerosol valve is opened, in order to obtain a sufficient yet not excessive massage effect on the skin.

4. (Cancelled)

5. (Previously Amended) The intermittent aerosol dispensing device of claim 1, wherein a cycle of injection and stop is performed 1 to 25 times per second.